Aton CL400 ^{ISDN}
User manual

swisscom fixnet

Handset at a glance Aton CL300/CL400 ISDN

1 **Display** in idle status
2 **Charge status of the batteries**
   ▭ ▭ ▭ ▬ (flat to full)
   ▭ flashes: batteries almost flat
   ▭ ▭ ▬ flashes: batteries charging
3 **Display keys** (page 16)
4 **Message key**
   Access to calls and message lists;
   Flashes: new message or new call.
5 **End call key, On/Off key**
   End call, cancel function, go back one menu
   level (press briefly), back to idle status (press
   and hold), activate/deactivate handset
   (press and hold in idle status)
6 **Hash key**
   Confer (Flash) (press and hold),
   Toggle between upper/lower case and digits
7 **"Swisscom Voice Portal" key**
8 **Connection socket** for headset
9 **Microphone**
10 **Star key**
   Ringtones on/off (press and hold),
   Open table of special characters
11 **Key 1**
   Select network mailbox (press and hold)
12 **Talk key**
   Answer a call, open last number redial list
   (press briefly), start dialling (press and hold)
13 **Handsfree key**
   Switch between earpiece and handsfree
   mode;
   Lights up: handsfree activated;
   Flashes: incoming call
14 **Control key** (page 16)
15 **Signal strength**
   ▶》》 ▶》》 ▶》》 ▶》》 (high to low)
   D》》 flashes: no reception

INT 1

10.05.06   09:45
INT   SMS

15	▶》》	▭	2
14			4
13			7
12			5
11	1 ⌂⌂ 2 ABC 3 DEF		
	4 GHI 5 JKL 6 MNO		
	7 PQRS 8 TUV 9 WXYZ		
10	✱ △ 0 ♯ R		6
			8
			9
			1
			3

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Note:

The handset is **not** registered to your
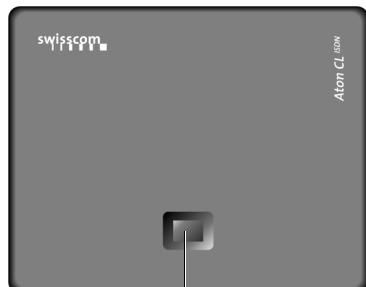Aton CL ISDN base station; please refer to
page 9.

Note:

The Aton CL300/CL400 ISDN handset
shown is just used as an example here. If
you use other handsets, the Aton CL102
or the Aton CL303, the key arrangement
and the menu will be different. For infor-
mation about this, please refer to the user
guide for the handset concerned.

Base station "Single"
Aton CL^{ISDN}

Registration/Paging key

Contents

Contents

Safety precautions

Caution:	

Read the safety precautions and the user guide before use.

Explain their contents to your children, and the potential hazards associated with using the telephone.

Only use the mains adapter supplied, as indicated on the underside of the base station.

Fit only the **recommended, rechargeable batteries** (page 53)! This means that you must never use any other battery type or non-rechargeable batteries as this could result in significant health risks and personal injury.

The operation of medical appliances may be affected. Be aware of the technical conditions in your particular environment (e.g. doctor's surgery).

Do not hold the rear side of the handset to the ear when it rings or when you have activated on the handsfree function. Otherwise you risk serious and permanent damage to your hearing.
The handset may cause an unpleasant humming noise in hearing aids.

Do not install the base station in bathrooms or shower rooms. The handset and base station are not splashproof (page 51).

Do not use your phone in environments with a potential explosion hazard (e.g. paint shops).

If you give your telephone to someone else, make sure you also give them the user guide.

Dispose of unusable batteries and telephones in accordance with statutory requirements.

Notes:

◆ Not all of the functions described in this manual are available in all countries. CLIP (Calling Line Identification Presentation), SMS (Short Message Services) and "Swisscom Voice Portal":
the functions are dependent on the network provider.

◆ EATONI predictive text: EATONI predictive text helps you when you are writing text messages.
It can be activated or deactivated (page 56).

Aton CL400 ^{ISDN} – more than just making calls

Your phone not only enables you to send and receive text messages over the fixed network and store up to 150 telephone numbers (page 22) – it can do a whole lot more:

◆ You can designate important people as VIPs so you can tell important calls from the ringtone (page 22).

◆ You can store anniversaries (page 23) on your phone and it will remind you of them in advance.

◆ Select frequently used phone numbers at the press of a **single** key (page 22).

◆ View missed calls on your phone (page 25).

Have fun using your new telephone!

First Steps

Pack contents

◆ one Aton CL ^{ISDN} base station,

◆ one mains adapter,

◆ one phone cord,

◆ one user guide (dt/fr/it),

◆ one Aton CL300/CL400 ^{ISDN} handset,

◆ two batteries,

◆ one battery compartment cover,

◆ one handset user guide (dt/fr/it),

◆ one headset,

◆ one charger,

◆ one mains adapter.

Installing the base station

The base station is designed for use in closed, dry rooms with a temperature range of +5°C to +45°C.

Set up the base station at a central point in the apartment or house.

Please note:

◆ Never expose the telephone to heat sources, direct sunlight or other electrical appliances.

◆ Protect your telephone from moisture, dust, corrosive liquids and vapours.

Range and reception strength

Range:

◆ Outdoors: up to 250 m

◆ In buildings: up to 40 m

Reception strength:

The display shows the quality of the radio contact between the base station and handset:

◆ Good to poor: ▓▓▓ ▓▓⟩ ▓⟩⟩ ▌⟩⟩

◆ No reception: D⟩⟩ flashes

Connecting the base station

▸ **First** connect the mains unit and **then** the phone jack as shown below and place the cable in the cable channels.
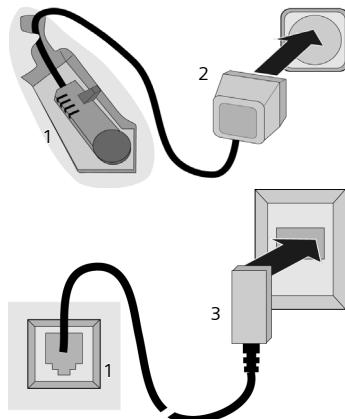
1 Underside of the base station (detailed view)
2 Mains adapter 230 V
3 Phone jack with phone cord

Please note:

The mains adapter must be **always connected,** as the phone will not operate without mains connection.

Setting up the handset for use

The display is protected by a plastic film. **Please remove the protective film!**

Inserting the batteries

Caution:

Use only the recommended rechargeable batteries (page 53). This means that you must never use conventional (non-rechargeable) batteries or other battery types as this could result in significant health risks and damage to property. For example, the outer casing of the batteries could be destroyed or the batteries could explode. The phone could also malfunction or be damaged as a result of using batteries that are not of the recommended type.

▸ Insert the batteries the right way round (see figure).

The polarity is indicated in/on the battery compartment.

Closing the battery cover

▸ First, align the notches on the side of the battery cover with the protrusions on the inside of the housing.

▸ Then press the cover until it clicks into place.
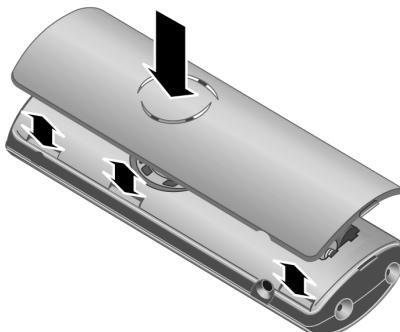
Attaching the belt clip

There are notches for attaching the belt clip on the side of the handset at the same height as the display.

▸ Press the belt clip onto the back of the handset so that the protrusions on the belt clip engage with the notches.
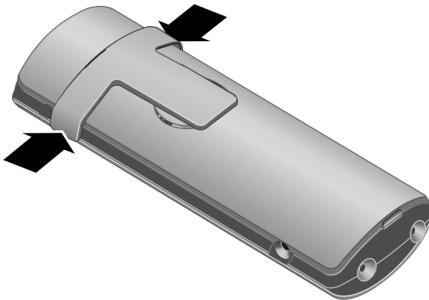
Opening the battery cover

▸ If fitted, remove the belt clip.
▸ Insert your hand into the headset socket cavity and pull the battery cover upwards.
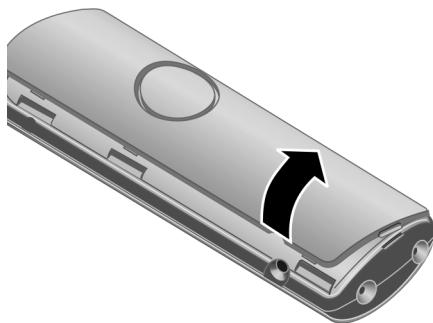
Placing the handset in the charging cradle and registering

▸ Plug the charging cradle mains adapter into a mains power socket.
▸ Place the handset in the charger with the **display facing forward**.

Initial charging and discharging of batteries

If the handset is activated, the flashing battery icon ⬛ in the top right of the display indicates that the batteries are being charged.

During handset operation, the battery icon indicates the charge status of the batteries (page 1). The correct charge level can only be displayed if the batteries are first fully charged **and** discharged.

▸ To do this, leave the handset in the base station or charging cradle **continuously** for **ten** hours. Your handset activates automatically when you place it in the base station or charging cradle.
▸ Afterwards, remove the handset from the charging cradle and do not put it back again until the battery pack is fully discharged.

> **Note:**
> After the first battery charge **and** discharge you may replace your handset in the charging cradle after every call.

Please note:

◆ Always repeat the charging and discharging procedure if you remove the batteries from the handset and reinsert them.
◆ The batteries may warm up as they are charging. This is not dangerous.
◆ After a while the charge capacity of the batteries will decrease for technical reasons.

> **Notes:**
> – If the handset has switched itself off because the batteries are flat and is then placed in the charger, it will switch itself on automatically.
> – Only place the handset in the charging cradle that is intended for it.

For questions and problems see page 51.

Headset socket

You can connect the enclosed headset and the following types of headset (with jack connector): Plantronics M40, MX100 and MX150.

Registering the handset

You can register up to six handsets to your base station.

A handset can be registered on up to four base stations.

You must initiate handset registration on the handset and on the base station.

On the handset

👆 or **Menu** ➔ 🔽 ➔ **Handset** ➔ **Register H/Set**

👆   Select base station, e.g. **Base 1**, and press **OK**.

📱   Enter the system PIN of the base station (the default is 0000) and press **OK**. The following flashes in the display, e.g. **Base1**.

On the base station

Within 60 secs. press and **hold** the registration/paging key on the base station (page 2) (approx. 3 secs.).

Note:
You can change the name of the handset (page 37).

Setting the date and time

▶ If the date and time have not yet been set, press the display key **Time** to open the input field.

Note:
The date and time may set themselves automatically via the network. The date and time are updated with each outgoing call.

To change the date and time, open the input field via:

👆 ➔ 🔽 ➔ **Date/Time**

▶ Change multiple line input:

Date:
Enter day, month and year in 6-digit format.

Time:
Enter hours and minutes as 4 digits, e.g. ⟦ 0 ⟧ ⟦7PQRS⟧ ⟦1∞⟧ ⟦5JKL⟧ for 7:15 a.m.

Save   Press the display key.

Display in idle status

Once the phone is registered and the time set, the idle display looks as shown here (example).
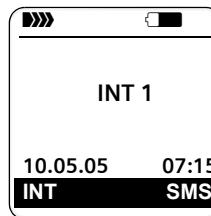
Setting up the base station – Installation wizard

A few settings are necessary before using your telephone. The installation wizard is designed to help you with this.

If you place the first handset in the charging cradle before the MSN settings have been made, the message key begins to flash after around 20 minutes (page 1).

▶ Press the message key ⟦ ✉ ⟧ to start the installation wizard.

You can also call up the installation wizard at any time from your handset (page 10).

The following settings can be made one after the other.

◆ Determining or entering MSNs for your phone connection

◆ Setting the receive MSN

◆ Setting the send MSN

What is an MSN?

MSN = Multiple Subscriber Number. You can request up to 10 different telephone numbers for the ISDN multiple connection. An MSN is one of the **phone numbers assigned to you without an area code** (dialling code).

Your telephone uses the MSN entirely as you require. The following differentiation is made:

◆ **Receive MSN**: numbers you can be called on. You can assign the receive MSNs to specific internal subscribers (terminals). Incoming calls are only forwarded to the terminals to which the relevant receive MSN has been assigned. Terminals are, e.g. handsets or answer machines.

◆ **Send MSN**: numbers that are identified to the person you are calling. The network provider calculates charges based on the send MSNs. You can assign a fixed send MSN to each internal subscriber.

Potential internal subscribers are:

◆ **Handsets,** to which you can assign the internal numbers 1 to 6.

Example of how to assign MSNs

You have requested four MSNs, two for business use (MSN1, MSN2) and two for private purposes (MSN3, MSN4). Four handsets are connected to one base station. Two handsets (INT 1 and 2) should be used for business purposes, and two handsets (INT 3 and 4) should be used for private purposes.

Internal subscriber	Receive MSN	Send MSN
Business:		
Handsets: INT 1, 2	MSN1 MSN2	MSN1
Private:		
Handset: INT 3	MSN3	MSN3

Internal subscriber	Receive MSN	Send MSN
Handset: INT 4	MSN4	MSN4

Launching the installation wizard and making the base station settings

⌘ → ⌐ → **Base** → **ISDN** → **Assistant**

Yes   Press the display key to launch the installation wizard.

Please note:

◆ If the installation wizard is activated, no other handset can access the settings menu of the base station.

◆ To quit the installation wizard before the process is complete, **press and hold** the ⌐ᵗ end call key. All changes you have already saved using **OK** are retained.

◆ To skip a setting, press ⌘ or the display key **No**.

◆ To return to a previous setting, press ⌘.

Determining own numbers (MSN)

Several numbers (MSNs) were provided by the network provider when you received your ISDN connection confirmation. You can save up to 10 numbers.

If an MSN has not been entered on your telephone, you can retrieve the numbers from the exchange.

Auto-detect own numbers (MSNs)?
     Press **Yes** to confirm.

The display will indicate that MSNs have been found. The MSNs are entered and can subsequently be changed (page 11). If it was not possible to determine any MSNs, your exchange does not support this function. You will receive an error message to this effect.

Entering own numbers (MSNs) manually and entering names for the MSNs

Enter own numbers (MSNs)?

Press **Yes** to confirm.

📱 Enter MSN. If the MSNs were determined automatically, the numbers will already be entered.

⊕ 📱 If necessary, scroll to the first line and enter the name (optional).

OK Press the display key. The entry is saved.

This is automatically repeated for all MSNs. The MSNs entered will automatically be assigned to all handsets as receive MSNs.

Setting the receive MSN

The receive MSN is used to answer incoming calls. The MSNs allocated to your ISDN connection can be allocated to various terminals according to your preferences. You can assign a terminal multiple receive MSNs.

Set Receive MSNs?

Press **Yes** to confirm.

Allocation Type: <MSN Selection>
The header line shows the internal number of the terminal for which the assignment should apply, e.g. **INT 2**. Press **Change** to confirm.

The list of entered MSNs is displayed. The assigned receive MSNs are marked with ✓. By default, all MSNs that are set up will be assigned to all handsets as receive MSNs.

⊕ Select MSN and press **OK** to change the assignment.

Repeat this process for all MSNs whose assignment you wish to change.

🔙 Press the display key to terminate the assignment for this terminal.

Repeat the process for all terminals registered to your telephone.

Setting the send MSN

Each internal subscriber or terminal can be specifically assigned one of the available send MSNs. This MSN is identified to the participant called and the network provider bills the call charges to it.

Set Send MSNs?

Press **Yes** to confirm.

Allocation Type: <MSN Selection>
The header line shows the internal number of the terminal for which the assignment should apply, e.g. **INT 2**. Press **Change** to confirm.

The list of entered MSNs is displayed. The assigned send MSN is marked with ✓.

⊕ Select MSN and press **OK**.

🔙 Press the display key to terminate the assignment for this terminal.

Repeat the process for all terminals registered to your telephone. The installation wizard is now completed. The display shows **Installation complete**.

📞 Press and **hold** (idle status).

Your phone is now ready for use.

Menu tree

Instead of scrolling to locate a menu function, you can select a menu function faster by opening the menu and keying in the digit combination ("Shortcut").

Example: ◌ 5 JKL 2 ABC 1 ∞ 1 ∞ for "Set ringtone for external calls".

You will find examples of symbols used, menu entries and multiple line input in the appendix to this user guide, page 54.

With the telephone in **idle status**, press ◌ (open main menu):

1   SMS ✉

1-1	New SMS	(page 28)		
1-2	Incoming 0	(page 30)		
1-3	Outgoing 0	(page 28)		
1-5	Settings	1-5-1	Service Centres	(page 32)
		1-5-2	Notify Number	(page 32)
		1-5-3	Notify Type	(page 32)
		1-5-4	Status Report	(page 28)
		1-5-6	Subscribe to SMS	(page 27)

2   Sel. Services ☉

2-1	Next Call	(page 18)		
2-2	Call Divert	2-2-1	To External	(page 46)
		2-2-2	To Internal	(page 46)
2-3	Ringback	(page 19)		

3   Alarm Clock ⏱

4   Add. Features ★

4-3	Room Monitor	(page 38)		
4-5	Call Charges	4-5-1	Overview	(page 26)
		4-5-2	Settings	(page 26)

5 Settings ⊠

5-1	Date/Time			
5-2	Audio Settings	5-2-1	Ringer Settings	(page 41)
		5-2-2	Advisory Tones	(page 42)
5-3	Display	5-3-1	Screen Picture	(page 40)
		5-3-2	Colour Scheme	(page 39)
		5-3-3	Contrast	(page 39)
		5-3-4	Backlight	(page 40)
5-4	Handset	5-4-1	Language	(page 39)
		5-4-2	Auto Answer	(page 40)
		5-4-3	Register H/Set	(page 35)
		5-4-4	Select Base	(page 36)
		5-4-5	Reset Handset	(page 43)
5-5	Base	5-5-2	Music on hold	(page 48)
		5-5-3	System PIN	(page 48)
		5-5-4	Base Reset	(page 48)
		5-5-5	Add. Features	(page 48)
		5-5-7	ISDN	(page 44)
		5-5-8	Calls List Type	(page 25)
5-6	Voice Mail	5-6-1	Set Key 1	(page 47)

Making calls

Making an external call

External calls are calls using the public telephone network.

🎛 📞   Enter the number and press the talk key.

Or:

📞 🎛   Press and **hold** the talk key 📞 and then enter the number.

You can cancel the dialling operation with the end call key ⬛.

You are shown the duration of the call while the call is in progress.

> **Note:**
> Dialling using the directory (page 1, page 22) or calls list (page 25) saves time re-entering numbers.

Ending a call

⬛   Press the end call key.

Answering a call

The handset indicates an incoming call in three ways: by ringing, by a display on the screen and by the flashing handsfree key 🔊.

You can answer the call by:

▸ Pressing the talk key 📞.
▸ Pressing the display key Accept.
▸ Pressing the handsfree key 🔊.

If the handset is in the base station and the Auto Answer function is activated (page 40), the handset will take a call automatically when you lift it out of the base.

If the ringtone is intrusive, press the display key Silence. You can take the call as long as it is displayed on the screen.

Rejecting a call

Reject   Press display key.

The call is rejected for the entire MSN group.

Calling Line Identification

When you receive a call, the caller's number is displayed on the screen if the following conditions are met:

◆ Your network provider supports CLIP, CLI.
  – CLI (Calling Line Identification): the caller's number is transmitted.
  – CLIP (Calling Line Identification Presentation): the caller's number is indicated.

◆ You have arranged CLIP with your network provider. [*]

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[*]   In the Swisscom ISDN network, CLIP is transmitted automatically.

Call display with CLIP/CLI

If the caller's number is saved in your directory, the caller's name will also be displayed.If you have changed the name of the MSN called (page 44), this will be displayed.
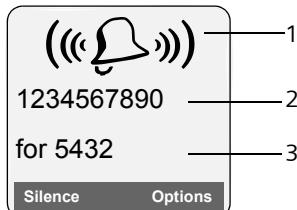
1 Ringtone icon
2 Number or name of caller
3 Receive MSN that is being called

The following is displayed in place of the number:

◆ **External**, if no number is transmitted.
◆ **Withheld**, if the caller has withheld Calling Line Identification (page 45).
◆ **Unavailable**, if the caller has not arranged Calling Line Identification.

Handsfree talking

In handsfree mode, instead of holding the handset to your ear you can put it down, e.g. on the table in front of you, to allow others to participate in the call.

Activating/deactivating handsfree mode

Activating while dialling

🔢 📢 Enter the number and press the handsfree key.

▸ You should inform your caller before you use the handsfree function so that they know someone else is listening.

Switching between earpiece and handsfree mode

📢 Press the handsfree key.

During a call switch handsfree on or off.

If you wish to place the handset in the base station during a call:

▸ Press and hold the handsfree key 📢 while placing the handset in the base station. If the handsfree key 📢 does not light up, press the key again.

For how to adjust the loudspeaker volume, see page 41.

Muting

You can deactivate the microphone in your handset during an external call. The other party then hears the hold music.

🎮 Press the control key on the left to mute the handset.

↩ Press the display key to reactivate the microphone.

You can switch the hold music on and off (page 48).

Operating the handset

Activating/deactivating the handset

⌫   Press and **hold** the end call
      key. You will hear the confir-
      mation tone.

Control key

In the description below, the side of the
control key (up, down, right, left) which
you have to press in the different operat-
ing situations is marked in black, e.g. 🔘
for "press right on the control key".

The control key has a number of different
functions:

When the handset is in idle status

🔘   Open the directory.

🔘   Open main menu.

🔘   Open list of handsets.

🔘   Set the ringtones on the hand-
      set (page 41).

In the main menu and in input fields

You can use the control key to move the
cursor up 🔘, down 🔘, right 🔘 or
left 🔘.

In lists and submenus

🔘 / 🔘   Scroll up/down line by line.

🔘   Open submenu or confirm
      selection.

🔘   Go back one menu level or
      cancel.

During an external call

🔘   Open the directory.

🔘   Initiate an internal consulta-
      tion call.

🔘   Adjust loudspeaker volume for
      earpiece and handsfree mode.

Display keys

The function of the display keys changes
depending on the particular operating sit-
uation. Example:
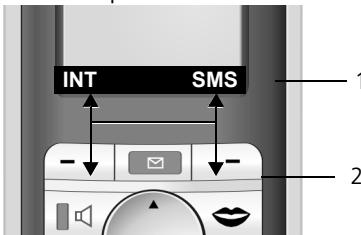
1 Current display key functions are shown in
  the bottom display line.
2 Display keys

The most important display symbols are:

Menu	Open the main menu.
Options	Open a context-dependent menu.
‹C	Delete key: delete one charac-ter at a time from right to left.
↰	Go back one menu level or cancel operation.
→▭	Copy number into directory.
◐	Open the last number redial list.

Reverting to idle status

You can revert to idle status from anywhere in the menu as follows:

▸ Press and **hold** the end call key $\boxed{\mathcal{D}}$.

Or:

▸ Do not press any key: after 2 minutes the display will **automatically** revert to idle status.

Changes that you have not confirmed or saved by pressing OK, Yes, Save, Send or Save Entry OK will be lost.

An example of the display in idle status is shown on page 9.

Menu guidance

Your telephone's functions are accessed using a menu that has a number of levels.

Main menu (first menu level)

▸ Press 🔄 with the handset in idle status to open the main menu.

The main menu functions are shown in the display as a list with icon and name.

To access a function, i.e. to open the corresponding submenu (next menu level):

▸ Navigate to the function using the control key 🔄. Press the display key OK.

Submenus

The functions in the submenus are displayed as lists.

To access a function:

▸ Scroll to the function with the control key 🔄 and press OK.

Or:

▸ Enter the corresponding digit combination (page 12).

Briefly press the end call key $\boxed{\mathcal{D}}$ once to return to the previous menu level / cancel the operation.

"Swisscom Voice Portal" key

$\boxed{\,\hookleftarrow\,}$ Press the key.

Select **Swisscom VP**. You will be directly connected to the Swisscom Voice Portal. The access number 0848 849 850 is pre-programmed and cannot be changed.

Note:

This key allows you to connect to the Swisscom Voice Portal, where you can activate additional services such as call diversion (Service 21, 61 or 67), call waiting (Service 43) or three-party conference with a simple voice command. You can also access the latest sport, news and weather updates with a simple voice command.

Correcting incorrect entries

You can correct incorrect characters in the text by navigating to the incorrect entry using the control key. You can then:

◆ Press 🔙 to delete the character to the left of the cursor,

◆ Insert characters to the left of the cursor,

◆ Overwrite the character (flashing) when entering the time and date etc.

You will find examples of symbols used, menu entries and multiple line input in the appendix to this user guide, page 54.

Defining the settings for the next call

Depending on your network provider, you can make the following settings for the next call:

◆ Withhold the number (CLIR), provided the "Withhold calling line identification on a case-by-case basis" feature is supported by your network provider.

The setting will revert to the default when the call ends and your number will be displayed once again, even if you dial the same number again from the last number redial list.

To find out how to withhold your number for all calls, see page 45.

◆ Determine the send MSN. You have determined an individual send MSN for a handset (page 44), but you want to select a different MSN as the send MSN for the next call.

◆ Activate/deactivate the Keypad (page 50).

Making settings

(⊕) → (⊘) → **Next Call**

▶ Change multiple line input:

Anonymous
Select **Yes** or **No**.

MSN
Select send MSN. The next call uses this MSN, which is also transmitted to the participant you are calling as number information.

Keypad
Select **Yes** or **No**.

Dial   Press the display key.

📱   Enter number.

📞 / Dial   Press the talk key or display key.

Ringback when the number is busy (CCBS)/when there is no reply (CCNR)

If the person you are calling does not answer or their line is busy, you can initiate ringback.

Precondition: The exchange supports this feature.

Activating ringback

Ringbck.   Press the display key and wait for confirmation from the exchange.

Time of the ringback:

◆ Ringback when busy – CCBS:

CCBS = Completion of Calls to Busy Subscriber. The ringback will take place as soon as the subscriber in question terminates the current call.

◆ Ringback when there is no reply – CCNR:

CCNR = Completion of Calls No Reply. The ringback will take place as soon as the subscriber in question has made a call.

Please note:

◆ The ringback request is automatically cancelled after about 2 hours (depending on the exchange).

◆ If you are making a call at the time of the ringback, the ringback will be postponed until you have ended your call.

◆ Ringbacks are not forwarded if an internal call diversion is active.

Activating ringback for external consultation calls

You want to establish an external consultation call (page 20). The consultation call subscriber's line is busy. You can activate a ringback:

(⊕)   Open menu.

Ringback   Select and press OK.

Accepting a ringback

The handset is ringing and the screen displays the ringback number.

Connecting

⌞ᴄ⌟   Press the talk key.

You will hear the ringing tone. The other subscriber is being called. The connection is established.

Cancelling ringback

If you no longer require a ringback, you can cancel it before the connection is established:

Delete   Press the display key.

Testing/cancelling ringback

$\circledast$ ➔ $\varnothing$

Ringback   Select and press OK (√ = ringback active). The current ringback number is shown on the display.

OK   Press the display key. Ringback remains active.

Or:

Delete   Press the display key. The ringback function is cancelled.

Identifying callers

Precondition: You have requested the Identify caller function from your network provider. Please contact your network provider first if you experience any problems.

Setting up the Identify caller function

If you have requested the Identify caller function, increase the time until the connection is terminated:

$\circledast$ ➔ 5ᴊᴋʟ 5ᴊᴋʟ 9ᴡxʏᴢ 1∞ 4ɢʜɪ

0 OK   Increase the time until the connection is terminated to 30 seconds.

or

1∞ OK   Set the time until the connection is terminated to 3 seconds.

Determining the caller

Perform the following steps during the call or immediately after the caller has hung up. You must not press the end call key ⌐ᴆ⌐!

Options ➔ Identify Caller

The caller is identified by the exchange. You will receive a list from your network provider at a later date detailing the caller's number and the time and date. Your network provider will provide you with more detailed information.

Functions during a call

Making calls to several subscribers

Please initiate a consultation call first if you wish to have a call with several subscribers. You can then speak to the other subscribers either one at a time ("toggling", page 20) or at the same time ("conference call", page 21).

Consultation call

There are two types of consultation call:

◆ **External consultation call**:
You call another external subscriber during an external call.

◆ **Internal consultation call**:
You call an internal subscriber during an external call.

Initiating an external consultation call

| [#R] | Press the recall key. |

Or:

| Ext.Call | Press the display key. |
| 📟 | Enter the number of the external subscriber. |

> **Note:**
> You can also make the call via the directory or other lists (page 22).

Initiating an internal consultation call

| (↕) | Press the control key. The call to the first subscriber is now put on hold. |
| 📟 | Enter the number of the internal subscriber you want. |

> **Note:**
> You can also use (↕) to select an internal number (e.g. **INT 1**) and press [📞] / OK.

The consultation call subscriber does not answer

| End | Press the display key. You return to the first subscriber. |

Consultation call subscriber's line is busy

You will hear the busy tone. You can initiate ringback (page 18).

▸ Return to the subscriber on hold

The consultation call subscriber answers

There is now an active connection between the new subscriber, and the first subscriber is on hold.

You have the following options:

◆ Toggling (page 20)
◆ Conference call (page 21)
◆ Transferring the call (page 21).

Toggling

You can speak with two subscribers one at a time.

Precondition: You have set up a consultation call (page 20) or accepted a waiting call (page 21).

| (↕) (↕) | You switch between the two subscribers. |

Ending a consultation call/toggling

| (↕) | Open menu. |

End Active Call

Select and press OK. The active call is terminated. You return to the waiting subscriber.

Or:

| [☎] | Press the end call key. The active connection is ended. You will automatically be called by the external subscriber on hold. |

If the active subscriber terminates the connection, you will hear the busy tone.

▸ Switch to the subscriber on hold.

If the subscriber on hold terminates the connection, the active call remains open.

Conference call

You speak with two subscribers at the same time. You can establish a conference call as follows:

◆ With two external subscribers or
◆ one internal subscriber and one external subscriber.

Precondition: You have set up a consultation call (page 20) or accepted a waiting call (page 21).

Establishing a conference call

Conf.   Press the display key.

Ending a conference call

〰   Press (idle status).

Ending a conference consultation call (page 20)

EndConf   Press the display key.

The conference call ends; you are returned to toggle mode (page 20). The connection to the external subscriber is active.

Transferring calls

Transferring a call to another handset

You are making an **external** call and would like to transfer it to another handset.

▸ Set up an **internal** consultation call (page 20).

〰   Press the end call key (even before the other party has answered) to transfer the call.

Dealing with a waiting external call – CW (Call Waiting)

Precondition: Call waiting has been set up (page 45).

You will hear the call waiting tone (short beep) if you receive an external call while conducting another call. The caller's number or name will appear in the display if Calling Line Identification is enabled.

You have the following options:

Accepting the waiting call – consultation call:

Accept   Press the display key. You answer the waiting call and the first call is put on hold. Both subscribers appear in the display and the active subscriber is marked.

You can toggle (page 20), create a conference call (page 21) or transfer the call (page 21).

Rejecting a waiting call

Reject   Press the display key.

You reject the call. The call is no longer signalled. The caller will hear the busy tone.

Changing participants

〰   End the current call. The waiting call becomes the "normal" call.

📞   Press the talk key to accept the call.

Using the directory and lists

The options are:
- ◆ Directory
- ◆ Last number redial list
- ◆ SMS list
- ◆ Calls list
- ◆ Answer machine list

You can store a maximum of 150 entries in the directory (the actual number depends on the size of the individual entries).

You create the directory for your own individual handset. You can also send lists/ entries to other handsets (page 23).

Directory

In the **directory** you store numbers and corresponding names.

▸ With the handset in idle status, open the directory by pressing the 🔄 key.

Length of entries

Number: max. 32 digits
Name: max. 16 characters

Note:

For quick access to a number from the directory (speed dial), you can assign the number to a key.

Saving a number in the directory

🔄 ➜ **New Entry**

▸ Change multiple line input:

Number:

   Enter number.

Name:

   Enter name.

Annivers.:

   Enter anniversary if required (page 23).

Speed Dial:

   Select key for speed dial.

▸ Save changes.

Selecting entries in the directory

🔄 Open directory.

You have the following options:

- ◆ Use 🔄 to scroll through the entries until the required name is selected.
- ◆ Enter the first character of the name, or scroll to the entry with 🔄 if required.

Dialling with the directory

🔄 ➜ 🔄 (select entry)

📞 Press the talk key. The number is dialled.

Managing entries in the directory/ call-by-call lists

🔄 / ⤺ ➜ 🔄 (select entry)

Viewing an entry

View Press the display key. The entry is displayed. Back with OK.

Editing entries

View Edit

   Press display keys one after the other.

▸ Carry out changes and save.

Using other functions

🔄 ➜ 🔄 (select entry)

   ➜ Options (open menu)

The following functions can be selected with 🔄:

Display Number

   Edit or add to a saved number. Then dial or copy to the directory with →▣ .

Edit Entry

   Edit selected entry.

Delete Entry

   Delete selected entry.

VIP Entry (directory only)

   Mark a directory entry as **VIP** (Very Important Person) and assign it a par-

ticular ringtone. You can then identify VIP calls by their ringtones.

Precondition: Calling Line Identification (page 15).

Copy Entry

Send a single entry to a handset (page 23).

Delete List

Delete **all** entries in the directory.

Copy List

Send complete list to a handset (page 23).

Available Memory

Display the available entries in the directory (page 22).

Using speed dial keys

▸ Press and **hold** the required speed dial key (page 22).

Sending the directory to another handset

Preconditions:

◆ The sending and receiving handsets must both be registered to the same base station.

◆ The other handset and the base station can send and receive directory entries.

$\hat{\mathbb{Q}}$ ➙ $\hat{\mathbb{Q}}$ (select entry) ➙ Options (open menu)

➙ **Copy Entry / Copy List**

🔢 Enter the internal number of the receiving handset. You see **Copying entry**.

Yes / No Press the display key.

A successful transfer is confirmed by a message and confirmation tone on the receiving handset.

Please note:

◆ Entries with identical numbers are not overwritten on the receiving handset.

◆ The transfer is cancelled if the phone rings or if the memory of the receiving handset is full.

Copying a displayed number to the directory

You can copy numbers that are displayed in a list, e.g. the calls list or the last number redial list, in a text message or during a call to the directory.

A number is displayed:

Options ➙ **Copy to Directory**

▸ Complete the entry, see page 22.

Copying a number from the directory

There are many operating situations in which you can open the directory, e.g. to copy a number. Your handset need not be in idle status.

▸ Depending on the operating situation, open the directory with $\hat{\mathbb{Q}}$ or ▭▭ or Menu **Directory**.

$\hat{\mathbb{Q}}$ Select an entry (page 22).

Saving an anniversary in the directory

You can save an anniversary for every number in the directory and specify a time when you will receive a reminder call on the anniversary.

$\hat{\mathbb{Q}}$ ➙ $\hat{\mathbb{Q}}$ (Select entry; page 22)

View Edit Press display keys one after the other.

$\hat{\mathbb{Q}}$ Scroll to the **Annivers.:** line.

Edit Press the display key.

▸ Change multiple line input:

Date:

Enter the day/month in 4-digit format.

Time:

Enter the hour/minute for the reminder call in 4-digit format.

Prompt:

Select the type of signal for the reminder and press OK.

Using the directory and lists

▶ Save changes (page 55).

> **Note:**
> Reminder calls require a time stamp. If you select a visual signal, then a time stamp is not required and is automatically set to 00.00.

Deleting anniversaries

💭 → 💭 (Select entry; page 22)

`View` `Edit` Press display keys one after the other.

💭 Scroll to the **Annivers.:** line.

`Edit` `Delete` `Save`

Press display keys one after the other.

Reminder call on an anniversary

A reminder call is signalled on the handset using the selected ringtone.

`Silence` Press the display key to stop the reminder call.

Last number redial list

The last number redial list contains the ten numbers last dialled with the handset (max. 32 numbers). If one of the numbers is in the directory, then the corresponding name will be displayed.

Manual last number redial

📞 Press the key **briefly**.

💭 Select entry.

📞 Press the talk key again. The number is dialled.

When a name is displayed, you can display the corresponding phone number by pressing the display key `View`.

Managing entries in the last number redial list

📞 Press the key **briefly**.

💭 Select entry.

`Options` Open menu.

The following functions can be selected with 💭:

Display Number (as in the directory, page 22)

Copy to Directory
An entry is copied to the directory (page 23).

Delete Entry (as in the directory, page 22)

Delete List (as in the directory, page 23)

Opening lists with the message key

You can use the message key ⌨ to open the following lists:

◆ SMS list

◆ Network mailbox

If your network provider supports this function and the network mailbox is configured for fast access (page 47).

◆ Calls list

These lists display the calls and SMS messages belonging to the receive MSNs assigned to the handset.

An advisory tone sounds as soon as a **new message** arrives in a list. The ⌨ key flashes (it goes off when the key is pressed). In idle status, the displays shows an icon for the new message.

Icon	New message...
୦୦	... in network mailbox
⬚⟩	... in calls list
✉	... in SMS list

The number of new entries is shown beneath the corresponding icon.

Only the lists that contain messages are shown (exception: network mailbox). Lists with new messages are shown first and identified in bold. The number of new or old messages contained are each shown in brackets.

Select the list with 💭. To open, press `OK`.

SMS incoming message list

All received SMS messages are saved in the incoming message list, see page 30.

Calls list

Precondition: Calling Line Identification (CLIP, page 15)

Depending on the type of record, the calls list contains

◆ All calls (☑)

◆ missed calls

Calls to a receive MSN assigned to the handset are displayed. The numbers of the last 30 incoming calls are stored.

Multiple missed calls from the same number are only stored once (the last call).

Setting the record type for the calls list

🔵 → ⊠ → **Base** → **Calls List Type**

Missed Calls / All Calls

Select and press OK (☑ = on).

☎ Press and **hold** (idle status).

The calls list entries are retained when you change the record type.

List entry

New messages are at the top.

Example of list entries:

```
┌─────────────────────────────┐
│         All Calls            │
│ Susi Sorglos                 │
│ 29/08/05    12:20       ☑    │
│ Louise Miller                │
│ 29/08/05    11:15       ◯◯   │
│ *************************     │
│                              │
│ Delete            Options    │
└─────────────────────────────┘
```

◆ The record type (in header)

◆ Status of entry
  Bold: new entry

◆ Number or name of caller
  You can add the caller's number to the directory (page 23).

◆ Date and time of call (if set, page 9)

◆ Type of entry:
  – accepted calls (☑)
  – missed calls

Pressing the display key Delete deletes the marked entry.

After pressing the display key Options you can select more functions with 🔵:

Copy to Directory
  Copy a number to the directory.

Delete List
  Delete complete list.

All read messages, i.e. selected with 🔵, are set to the status "old". The next time you call up the list, they will no longer be shown in bold.

Checking receive MSN

You can have the receive MSN displayed for every call.

▸ Select entry.

<img> Open menu.

Called MSN Select and press **OK**.

The called MSN is displayed. If you have changed the name of the MSN (page 44), this is displayed. Click on **OK** or ↪ to return to the calls list.

Making cost-effective calls

After making a call, you can view the costs on the handset. You can view the duration of your calls (in minutes) or display the charges (in CHF).

Displaying call duration and charges

Whether or not the call duration and costs are displayed depends on whether the metering pulse is transmitted and the unit set to CHF 00.10.

◆ If the charge is set at 00.00, the units are displayed for a call.

◆ If the charge per unit and the currency are set, the costs of a call are displayed.

Notes:

Charges are transmitted automatically by the central office. The factor is CHF 0.10. If another factor is entered (e.g. 0.20), this factor is overwritten by the factor of 0.10 transmitted from the central office during every outgoing call.

You can check the ongoing units /total charges and the charges for the last call made on each handset, depending on the setting. The total charges include the charges accrued by this handset. If you do not receive any rate information from your network provider, the call duration is displayed.

Setting the charge per unit and the currency

<img> ➜ <img> ➜ **Call Charges** ➜ (system PIN if required) ➜ **Settings**

▸ Change multiple line input:

Cost per Unit:

Enter cost per unit, e.g.
0 0 0 6ᴹᴺᴼ for 6 pence.

Currency:

Enter currency symbol.

▸ Save changes (page 55).

Notes:

– Previously stored call charges are deleted if the charge value per unit is set to 00.00.
– If the charge value is changed, the charges are added to the previous charges.

Displaying/deleting call charges

<img> ➜ <img> ➜ **Call Charges** ➜ (system PIN if required) ➜ **Overview**

The **Total all Calls** charges for all calls on all MSNs from the **Since** date are displayed.

▸ With <img>, switch to the accounts for the individual MSNs which are set up on the base station. The following data is displayed for each MSN:

Last Call

Charges for the last call on the specified MSN. If the last call was a conference call or if you have toggled, only the charges for one connection are displayed.

Total

Charges for all calls on the specified MSN.

Delete amount for individual accounts or charge overview

<img> Scroll to the desired overview.

Delete Press the display key.

Note:

There may be a difference between the charges displayed and those invoiced by the network provider. The invoice from the network provider is always legally binding.

SMS (text messages)

Your unit is supplied ready for you to send SMS messages immediately.

> **Note:**
> When supplied, the access number (062 210 00 0) for the Swisscom SMS centre is pre-programmed.

Preconditions:

◆ Calling Line Identification (page 15) is enabled for your phone connection.

◆ Your network provider supports SMS in the fixed network (information on this can be obtained from your network provider).

◆ You are registered with your service provider to send and receive SMS.

SMS messages are exchanged between SMS centres that are operated by service providers. You must enter into your phone the SMS centre through which you wish to send and receive. You can receive SMS from **every** SMS centre that is entered provided you have registered with your service provider. Your SMS is sent through the SMS centre that is entered as the active send service centre (page 32). Only one SMS centre can be the active send service centre at any one time.

Your SMS messages are sent via the **Service Centr.** that is entered as the **active send service centre**. However, you can activate any other SMS centre as the active send service centre to send a current message (page 32).

If no SMS Service Centre is entered, the SMS menu only consists of the entry Settings. Enter an SMS Service Centre (page 32).

◆ For how to enter the text, see page 55.

◆ Writing using the predictive text tool EATONI, see page 56.

Rules

◆ An SMS can be up to 612 characters long.

◆ If there are more than 160 characters or a lot of image data the SMS is sent as a **linked** SMS (up to 4 messages with 153 characters each).

Please note:

◆ From a handset, you can only access (read/edit/delete) SMS messages that have been received or sent from an MSN set up for the handset. To find out how to assign MSNs to your handset, see page 44.

◆ If your phone is connected to a PABX, please read page 33.

◆ If you wish to receive an SMS via several MSNs, you must register each MSN separately with your service provider.

◆ The send/receive MSN must correspond to the number that is registered at your SMS centre (page 32).

Registering with the registration wizard *

The first time you press the display key SMS you will be asked if you wish to register automatically with all entered SMS centres (see page 32). Confirm with Yes. Select the required MSNs with OK (✓ = selected) and start registration with Send.

You can now receive text messages from any of the SMS centres whose number you have entered.

You can call up automatic registration thereafter via the menu:

🔄 ➔ ✉ ➔ **Settings** ➔ **Subscribe to SMS**

---

* This function is dependent on the network provider. This is currently not supported in the Swisscom network.

Writing/sending an SMS

Writing an SMS

$\textcircled{\scriptsize\ \ }$ → $\boxtimes$

New SMS	Select and press OK.
📱	Write an SMS.
Options	Press the display key.
Send	Select and press OK.
SMS	Select and press OK.

Sending an SMS

$\textcircled{\scriptsize\ \ }$ / 📱

Select number with area code (even if you are in that area) from the directory or enter it directly. For SMS to an SMS mailbox: put the mailbox ID at the **end** of the number.

Send   Press the display key. The SMS is sent.

> **Notes:**
> – If you are interrupted by an external call while writing an SMS, the text is automatically saved in the draft message list.
> – If the memory is full, or if the SMS function on the base station is being used by another handset, this cancels the operation. An appropriate message appears in the display. Delete SMS messages you no longer require or send the SMS later.

Setting input language

▸ You are writing an SMS (page 28).

Options   Press the display key.

Select Language
Select and press OK.

$\textcircled{\scriptsize\ \ }$ Select input language and press OK.

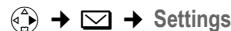$\boxed{\diagup\mathcal{y}}$ Press the end call key **briefly** to return to the text panel.

The input language setting only applies to the current SMS.

SMS status report [*]

Precondition: Your service provider supports this feature.

If you have activated the status report, you will receive a confirmation message after sending an SMS.

Activating/deactivating a status report

$\textcircled{\scriptsize\ \ }$ → $\boxtimes$ → **Settings**

Status Report
Select and press OK ($\boxed{\checkmark}$ = on).

Reading/deleting a status report

▸ Open the incoming message list (page 30) and then:

$\textcircled{\scriptsize\ \ }$ Select SMS with the status **State OK** or **State not OK**.

Read   Press the display key.

Or:

Delete   Press the display key. The text message is deleted.

Draft message list

In the draft message list, you can save, edit later and send an SMS. Your handset's draft message list contains all saved SMS messages of the assigned send MSN.

Saving an SMS in the draft message list

▸ You are writing an SMS (page 28).

Options   Press the display key.

Save   Select and press OK.

Opening the draft message list

$\textcircled{\scriptsize\ \ }$ → $\boxtimes$ → **Outgoing** (3)

The first list entry is displayed, e.g.:

1234567890
21.09.05   09:45

---

[*]   Currently not supported in the Swisscom network.

Reading or deleting individual SMS messages

▶ Open the draft message list and then:

⌖ Select SMS.

Read Press the display key. The entry will be displayed. Scroll line by line using ⌖.

Or:

Options Open menu.

Delete Entry Press OK. The text message is deleted.

Writing/editing an SMS

▶ You are reading an SMS in the draft message list.

Options Open menu.

You have the following options:

New SMS
Write a new SMS and then send (page 28) or save.

Edit
Edit the text of the saved SMS and then send (page 28).

Character Set
Text is shown in the selected character set.

Deleting draft message list

▶ Open the draft message list and then:

Options Open menu.

Delete all Select, press OK and confirm with Yes. The list is cleared.

◁ Press and **hold** (idle status).

Sending SMS messages to an e-mail address [*]

If your service provider supports the SMS to e-mail feature, you can also send your SMS messages to e-mail addresses.

The e-mail address must be at the beginning of the text. You must send the SMS to the e-mail service of your SMS active send service centre.

⌖ ➜ ✉ ➜ **New SMS**

📟 Enter the e-mail address. End the entry with a space or colon (depending on the service provider).

📟 Enter the message.

Options Press the display key.

Send Select and press OK.

E-mail Select and press OK. If the number of the e-mail service is not entered (page 32), enter the number of the e-mail service.

Send Press the display key. The SMS is sent.

Sending SMS messages as a fax [*]

You can also send an SMS to a fax machine.

Precondition: Your service provider supports this feature.

▶ You are writing an SMS (page 28).

Options Press the display key.

Send Select and press OK.

Fax Select and press OK.

⌖ / 📟 Select number from the directory or enter directly. Enter the number with dialling code (even when you are in the same area).

Send Press the display key. The SMS is sent.

---

[*] Provider-dependent. Currently not supported in the Swisscom network.

Receiving an SMS

All received SMS messages are saved in the incoming message list. Linked SMS messages are displayed as **one** message. If this is too long or has not transferred completely, it will be split into individual messages. Since an SMS remains in the list even after it has been read, you should **regularly delete SMS messages from the list**.

The display tells you if the SMS memory is full.

▸ Deleting SMS messages you no longer require (page 30).

You can only delete SMS messages that were sent to MSNs for your handset. If the memory is taken up by SMS messages that have been sent to other MSNs, a notification to this effect will appear on the display.

Incoming message list

The incoming message list contains:

◆ All SMS messages with an MSN that matches a send or receive MSN for their handset. If no MSNs have been set up, then all SMS message received are shown on all handsets. The most recent SMS appears at the top of the list.

◆ Messages that could not be sent on account of an error.

New SMS messages are signalled on all Aton handsets by the ✉ icon in the display, the flashing message key 🔲 and an advisory tone.

Opening the incoming message list with the 🔲 key

🔲   Press.

The incoming message list is displayed as follows (example):

SMS:	(2)	──── 1

1 **Bold:** number of new entries
Not bold: number of read entries

Open list with **OK**.

An entry in the list is displayed e.g. as follows:

1234567890
21.09.05   09:45

Opening the incoming message list via the SMS menu

⊕ ➔ ✉ ➔ **Incoming (2)**

Reading or deleting individual SMS messages

▸ Open the incoming message list.

▸ Continue as described at "Reading or deleting individual SMS messages", page 29.

After you have read a new SMS, it has the status "old".

Deleting incoming message list

All **new and old** SMS in the list are deleted.

▸ Open the incoming message list.

Options   Open menu.

▸ To continue, see "Deleting draft message list", page 29.

Replying to or forwarding text messages

▸ Read the SMS (page 30):

Options   Press the display key.

You have the following options:

Reply
>Write and send a reply SMS directly (page 28).

Edit
>Edit the text in the SMS and then send it (page 28). Attachments (e.g. pictures, melodies) are not sent.

Character Set
>Selecting the character set (European, Greek or Cyrillic).

Forwarding an SMS

▸ You are reading an SMS (page 30):

Options   Press the display key.

Forward   Select and press OK. For further information, see page 28.

Attachments are forwarded. If a service provider does not permit the forwarding of attachments:

▸ Select Edit to forward the SMS without attachments.

▸ Confirm the prompt New SMS will not contain picture/melody. Continue? with Yes.

Adding a number to the directory

Adding the sender's number

▸ Open incoming message list and select entry (page 30).

Options   Press the display key. For further information, see page 23.

Notes:
– You can create a special directory for SMS messages within your main directory by putting a star (*) before the names.
– An attached mail box identifier is added to the directory.

Copying/dialling numbers from an SMS text

▸ Read SMS (page 30) and scroll to the telephone number.

The digits are reverse-highlighted.

➡ 🖃   Press the display key. For further information, see page 23.

Or:

📞   Press the talk key to dial the number.

If you wish to use the number to send an SMS:

▸ Save the number with the area code (dialling code) in the directory.

Changing the character set

▸ Read the SMS (page 30):

Options   Press the display key.

Character Set
>Text is shown in the selected character set.

Checking the receive MSN

You can check to which receive MSN the SMS was sent.

▸ Open the incoming message list.

◀⬆▶   Open menu.

Called MSN   Select and press OK. The receive MSN is displayed.

OK / ⤺   Press the display key to return to the incoming message list.

Notification by SMS

You can be notified by SMS about missed calls. A charge may be levied for this service.

Precondition: For missed calls, the caller's number (CLI) must have been transmitted.

Notification is sent to your mobile phone or another phone with SMS functionality.

You only need to set the phone number to which notification should be sent (notification number) and the notification type.

Storing the notification number

⊕ ➔ ✉ ➔ **Settings** ➔ **Notify Number**

☷ Enter the number to which the SMS is to be sent.

Save Press the display key.

☎ Press and **hold** (idle status).

> **Caution:**
> Do **not** enter your own fixed network number for the notification of missed calls. This can lead to chargeable endless looping.

Setting the notification type

⊕ ➔ ✉ ➔ **Settings** ➔ **Notify Type**

▸ Change multiple line input if necessary:

Missed Calls:

Set **On** if you want SMS notification.

▸ Saving changes (page 55).

Setting SMS centre

> **Note:**
> When supplied, the access number (062 210 00 0) for the Swisscom SMS centre is pre-programmed.

Entering/changing SMS centres

▸ You should find out about the services and special functions offered by your service provider **before you make a new application** and/or before you delete pre-configured call numbers.

⊕ ➔ ✉ ➔ **Settings** ➔ **Service Centres**

⊕ Select SMS centre (e.g. **Service Centr. 1**) and press OK.

▸ Change multiple line input:

Active Send:

Select **Yes** if the text messages are to be sent via the SMS centre. For the SMS centres 2 to 4, the setting only applies to the next SMS.

SMS:

Press the display key Edit. Enter the number of the SMS service.

E-mail:

Press the display key Edit. Enter the number of the e-mail service.

▸ Save changes (page 55).

Sending an SMS through another SMS centre

▸ Activate the SMS centre (2 to 4) as **active send service centre**.

▸ Send the SMS.

The active send service centre then returns to send centre 1 by default.

This setting only applies to the next SMS to be sent. After that, the setting returns to **Service Centr. 1**.

SMS to a PABX

◆ You can only receive an SMS when the **Calling Line Identification** is **forwarded to the extension of the PABX (CLIP)**.The CLIP of the phone number for the SMS centre is evaluated in your **handset**.

◆ If required, you must prefix the number for the SMS centre with the access code (depending on your PABX).

If in doubt, test your PABX, e.g. by sending a text message to your own number: once with and once without the access code.

◆ When you send SMS messages, your sender number may be sent without your extension number. In this case the recipient cannot reply to you directly.

Sending and receiving SMS **on ISDN PABXs** is only possible via the MSN number assigned to your base station.

Activating/deactivating the SMS function

When you switch off you cannot send or receive any SMS messages with your phone.

The settings which you have made for sending and receiving SMS (e.g. the call numbers of the SMS centres) and the entries in the incoming and draft message lists are saved when you switch off your phone.

$\binom{\wedge}{\vee}$	Open menu.
$\boxed{5^{JKL}}$ $\boxed{5^{JKL}}$ $\boxed{9^{WXYZ}}$ $\boxed{2^{ABC}}$ $\boxed{6^{MNO}}$	
	Enter the digits.
$\boxed{0}$ $\boxed{OK}$	Deactivate the SMS function.

Or:

$\boxed{1^{\infty}}$ $\boxed{OK}$	Activate SMS function (default settings).

SMS troubleshooting

Errors when sending

E0	Calling Line Identification permanently withheld (CLIR) or Calling Line Identification not activated.
FE	Error occurred during SMS transfer.
FD	Connection to SMS centre failed, see self-help.

Self-help with errors

The following table lists error situations and possible causes and provides notes on troubleshooting.

You cannot send messages.

1. The "Calling Line Identification Presentation" feature (CLIP) is not functioning.
   ‣ Ask your service provider to check this service.

2. SMS transmission has been interrupted (e.g. by a call).
   ‣ Re-send the SMS.

3. Network provider does not support this feature.

4. No number or an invalid number is entered for the SMS centre set as the active send service centre.
   ‣ Enter the number (page 32).

You receive an incomplete SMS.

1. Your phone's memory is full.
   ‣ Delete old SMS messages (page 30).

2. The provider has not yet sent the rest of the message.

You have stopped receiving SMS messages.

Call forwarding is activated with **When: All Calls** or the call forwarding **All Calls** is activated for the network mailbox.
   ‣ Change the call forwarding.

The message is played back.

1. The "display call number" service is not activated.
   ‣ Have your service provider enable this service (there is a charge for this).

2. Mobile phone operator and network SMS service provider have not agreed on a cooperation.
   ‣ Obtain information from your network SMS service provider.

3. Your terminal is recorded by your SMS provider as having no fixed network SMS functionality, i.e. you are no longer registered with the provider.
   ‣ Have the device (re-)registered to receive SMS messages.

You cannot access the SMS functions on your handset.

Another handset that is registered at the same base station is currently using the SMS functions.
   ‣ Wait until there is no other handset using the SMS functions.

Using several handsets

Registering handsets

You can register up to six handsets to your base station.

A handset can be registered to up to four base stations.

Please note:

Following successful registration, all MSNs are used as receive MSNs and the first MSN is used as a send MSN for this handset.

Manually registering to Aton CL^{ISDN}

You must activate manual registration of the handset at both the handset and the base station.

After it has registered, the handset returns to idle status. The internal number of the handset appears in the display, e.g. **INT 1**. If it does not, repeat the procedure.

On the handset

📳 ➔ 🔽 ➔ **Handset** ➔ **Register H/Set**

📳   Select base station,
e.g. **Base 1**, and press **OK**.

📱   Enter the system PIN of the base station (the default is 0000) and press **OK**. The following flashes in the display, e.g. **Base 1**.

On the base station

Within 60 secs. press and **hold** the registration/paging key on the base station (page 1) (approx. 3 secs.).

Registering other handsets

You can register other handsets and handsets for other devices with GAP functionality as follows.

On the handset

▸ Start to register the handset as described in its user guide.

On the base station

▸ Press and **hold** (approx. 3 seconds) the registration/paging key on the base station (page 1).

De-registering handsets

You can de-register any other registered handset from any registered handset.

📳   Open list of internal users. The handset you are currently using is indicated by **<**.

📳   Select the internal user you wish to de-register.

Options   Open menu.

De-reg. H/Set No.
       Select and press **OK**.

📱   Enter the current system PIN (if requested) and press **OK**.

Yes   Press the display key.

Locating a handset ("Paging")

You can locate your handset using the base station.

▸ **Briefly** press the registration/paging key on the base station.

▸ All handsets will ring at the same time ("paging"), even if the ringtones are switched off.

Ending paging

▸ **Briefly** press the registration/paging key on the base station or press the talk key 📞 on the handset.

Changing the base station

If your handset is registered to more than one base station, you can set it to a particular base station or to the base station that has the best reception (**Best Base**).

⊕ ➜ ◰ ➜ **Handset** ➜ **Select Base**

⊕ Select one of the registered base stations or **Best Base** and press OK.

Making internal calls

Internal calls to other handsets registered to the same base station are free.

Calling a specific handset

⊕ Initiate internal call.

⌨ Enter the number of the handset.

Or:

⊕ Initiate internal call.

⊕ Select handset.

📞 Press the talk key.

Calling all handsets ("group call")

⊕ Initiate internal call.

⁎ Press the star key. All handsets are called.

Ending a call

☎ Press the end call key.

Transferring a call to another handset

You can transfer an external call to another handset (connect).

⊕ Open list of handsets. The external caller hears the hold music if activated (see page 48).

⊕ Select a handset or **Call All** and press OK.

When the internal subscriber answers:

▸ If necessary announce the external call.

☎ Press the end call key.

The external call is transferred to the other handset.

If the internal participant does **not** answer or is busy, press the display key End, to return to the external call.

When transferring a call you can also press the end call key ☎ before the internal participant lifts the receiver.

Then, if the internal participant does not answer or is busy, the call will automatically return to you (the display will show **Recall**).

Internal consultation calls

When you are speaking to an **external** participant you can simultaneously call an **internal** participant for consultation.

⊕ Open list of handsets. The external caller hears the hold music if activated (see page 48).

⊕ Select handset and press OK.

Ending a consultation call

End Press the display key.

You are reconnected with the external subscriber.

Accepting/rejecting call waiting

If you get an **external** call while conducting an **internal** call, you will hear the call waiting tone (short tone). The caller's number will appear in the display if Calling Line Identification is enabled.

Ending an internal call, accepting an external call

Accept   Press the display key.

The internal call is placed on **hold**. You are connected to the external caller.

Rejecting the external call

Reject   Press the display key.

The call waiting tone is turned off. You remain connected with the internal subscriber. The ringtone can still be heard at other registered handsets.

Changing the name of a handset

The names "INT 1", "INT 2" etc. are assigned automatically at registration. You can change these names. The name must be no more than 10 characters. The changed name is displayed in every handset's list.

📲   Open list of handsets. Your own handset is indicated by <.

📲   Select handset.

Edit   Press the display key.

📱   Enter name.

Save   Press the display key.

Changing internal number of a handset

A handset is **automatically** assigned the lowest free number on registration. If all slots are occupied, number 6 is overwritten if this handset is in idle status. You can change the internal number of all registered handsets (1–6).

📲   Open list of handsets. Your own handset is indicated by <.

Options   Open menu.

Edit device no.

      Select and press OK. The list of handsets is displayed.

📲   The current number flashes. Select a handset.

📱   Enter the new internal number(1–6). The handset's old number is overwritten.

Save   Press the display key to save the input.

📞   Press and **hold** (idle status).

You will hear the error tone (descending tone sequence) if you assign an internal number twice.

▸ Repeat the procedure with a free number.

Using a handset as a room monitor

If the room monitor is activated, a previously stored destination number is called as soon as a set noise level is reached. You can store an internal or external number in your handset as the destination number.

The room monitor call to an external number stops after approx. 90 seconds. The room monitor call to an internal number (handset) stops after approx. 3 minutes (depending on the base station). While the room monitor is activated,

all keys are locked except the end call key. The handset's speaker is muted.

When the room monitor is activated, incoming calls to the handset are indicated **without a ringtone** and are only shown on the screen. The display and keypad are not illuminated and advisory tones are also turned off.

If you accept an incoming call, the room monitor mode is suspended for the duration of the call, but the function **remains** activated.

If you switch off the handset, the room monitor mode is deactivated. You must reactivate the function when you switch the handset back on.

Caution!

– **Please note that in exceptional cases the "room monitoring" (baby alarm) feature will not work, e.g. if the phone number specified by the user is busy, if the mobile phone number specified by the user has no reception, if there is a mains power cut, or if batteries are flat.**

– **You should always check the operation of the room monitor before use. For example, test its sensitivity. Check the connection if you are diverting the room monitor to an outside number.**

– When the function is switched on the handset's operating time is severely reduced. If necessary, place the handset in the charging cradle (if available). This ensures that the batteries do not run down.

– Ideally the handset should be positioned 1 to 2 metres away from the baby. The microphone must be directed towards the baby.

– The connection to which the room monitor is diverted must not be blocked by an activated answer machine.

– The room monitor remains active until it is deactivated via the menu.

Activating the room monitor and entering the number to be called

$\circledcirc$ → ✦ → **Room Monitor**

▶ Change multiple line input:

Room M.:
Select **On** to activate.

Call to:
Press the display key **Edit** and enter destination number.

External number: Select number from the directory or enter directly. Only **the last 4 digits** are displayed.

Internal number: Delete any stored external number. **INT** $\circledcirc$ (select handset or **Call All**, if all registered handsets are to be called) **OK**.
Store number with **Save**.

Level:
Set noise level sensitivity (**Low** or **High**).

▶ Save changes (page 55).

The function is now activated. With **Options**, you can switch directly to the settings.

Changing previously set external destination number

$\circledcirc$ → ✦ → **Room Monitor**

$\circledcirc$ Scroll to the **Call to:** line.

Edit   Press the display key.

‹C   Delete existing number.

▶ Enter number as described in "Activating the room monitor and entering the number to be called" (page 38).

▶ Save changes (page 55).

Changing previously set internal destination number

⊕ ➔ ⌂★ ➔ **Room Monitor**

⊕   Scroll to the **Call to:** line.

Edit   Press the display key.

Yes   Press the display key to confirm the prompt.

▸ Enter number as described in "Activating the room monitor and entering the number to be called" (page 38).

▸ Save changes (page 55).

Deactivating the room monitor remotely

Preconditions: The phone must support touch tone dialling and the room monitor should be set for an external destination number.

▸ Take the call from the room monitor and press keys ⑨ ⌗.

The room monitor function will deactivate after the call ends. There will be no further room monitor calls. The other room monitor settings on the handset (e.g. no ringtone) will remain activated until you press the display key OFF on the handset.

To reactivate the room function with the same phone number:

▸ Turn on the activation again and save with Save (page 38).

Setting handset

Your handset is preconfigured, but you can change these settings to suit your individual requirements.

Changing the display language

You can view the display texts in different languages.

⊕ ➔ ⌂ ➔ **Handset** ➔ **Language**

The current language is indicated by ☑ .

⊕   Select a language and press OK.

⌐ɔ   Press and **hold** (idle status).

If you accidentally choose a language you do not understand:

⊕ ⟨5 JKL⟩ ⟨4 GHI⟩ ⟨1 ∞⟩

            Press keys one after the other.

⊕   Select the correct language and press OK.

Setting the display

You have a choice of four colour schemes and several different contrasts.

⊕ ➔ ⌂ ➔ **Display**

Colour Scheme

            Select and press OK.

⊕   Select a colour scheme and press OK (☑ = current colour).

⌐ɔ   Press **briefly**.

⊕   Scroll to the **Contrast** line.

Contrast   Select and press OK.

⊕   Select contrast.

Save   Press the display key.

⌐ɔ   Press and **hold** (idle status).

Setting the screen picture

You can display a screen picture (picture or digital clock) when the handset is in idle status. This will replace the idle status display. It may conceal the date, time and name.

The screen picture is not displayed in certain situations, e.g. during a call or when the handset has been de-registered.

If a screen picture has been activated, the menu item **Screen Picture** is marked with ☑ .

⊙ ➔ ⊡ ➔ **Display** ➔ **Screen Picture**

The current setting is displayed.

▸ Change multiple line input:

Activation:
Select **On** (screen picture is displayed) or **Off** (no screen picture).

Selection:
Change screen picture if necessary (see below).

▸ Save changes.

If the screen picture conceals the display, press the end call key **briefly** to show the idle display with time and date.

Changing the screen picture

⊙ ➔ ⊡ ➔ **Display** ➔ **Screen Picture**

⊙ Scroll to the **Selection** line.

View Press the display key. The active screen picture is displayed

⊙ Select picture/Clock.

Save Press the display key.

▸ Save changes.

Setting display backlight

Depending on whether or not the handset is in the base station you can set different levels of display backlight. If the charging cradle is switched on, the display is permanently dimmed.

⊙ ➔ ⊡ ➔ **Display** ➔ **Backlight**

The current setting is displayed.

▸ Change multiple line input:

In Charger
Select **On** or **Off**.

Without Charger
Select **On** or **Off**.

Save Press the display key.

⟋ᵍ Press and **hold** (idle status).

> **Note:**
> When the display backlight is switched on, the standby time of the handset is reduced to approx. 30 hours.

Activating/deactivating auto-answer

If you have activated this function, when you get a call you can simply lift the handset out of the base station without having to press the talk key ⟨⟩.

⊙ ➔ ⊡ ➔ **Handset**

Auto Answer
Select and press **OK** (☑ = on).

⟋ᵍ Press and **hold** (idle status).

Adjusting the loudspeaker volume

You can set the loudspeaker volume for handsfree talking to five different levels and the earpiece volume to three different levels. You can only make these adjustments during a call.

The handsfree volume can only be adjusted when this function is set.

You are conducting an external call.

🔄	Open menu.
🔄	Select volume.
Save	Press display key if necessary to save the setting permanently.

If 🔄 is assigned with another function, e.g. when toggling (page 20):

Options	Open menu.
Volume	Select and press OK.

Configure setting (see above).

Changing ringtones

◆ Volume:

You can choose between five volumes (1–5; e.g. volume 2 = ▃▃▔▔▔▔◺) and the "Crescendo" ring (6; volume increases with each ring = ▃▃▔▔▔◢).
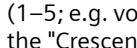
◆ Ringtones:

You can choose between 15 different melodies.

You can configure the following functions with different ringtones:

◆ **Ext. Calls**: for external calls
◆ **Internal Calls**: for internal calls
◆ **All**: the same for all functions

Settings for external calls

During the setting up process (page 44), each receive MSN is automatically assigned a ringtone. You can change this assignment.

In idle status, you can also open the menu **Ringer Settings** by pressing 🔄 **briefly**.

🔄 ➔ � ➔ **Audio Settings** ➔ **Ringer Settings** ➔ **Ext. Calls**

Setting the volume

Volume	Select and press OK.
🔄	Set volume (1–6).
▸ Save changes.	

Setting ringtones

Melody

	Select and press OK.
🔄	Select MSN, e.g. **MSN 1** and press OK.
🔄	Select melody.
▸ Save changes.	

Settings for internal calls

With the handset in idle status, open the menu **Ringer Settings** by pressing 🔄 **briefly**.

🔄 ➔ � ➔ **Audio Settings** ➔ **Ringer Settings** ➔ **Internal Calls**

🔄	Set volume (1–6).
🔄	Scroll to the next line.
🔄	Select melody.
▸ Save changes.	

Settings for all functions to ring the same

(⊙) ➔ ⊠ ➔ **Audio Settings** ➔
   Ringer Settings ➔ **All**

▸ Set the volume and ringtone (see above).

Yes   Press the display key to confirm the prompt.

[☎]   Press and **hold** (idle status).

Activating/deactivating the ringtone

You can deactivate the ringtone on your handset before you answer a call or when the handset is in idle status; the ringtone can be deactivated permanently or just for the current call. The ringtone cannot be re-activated while an external call is in progress.

Deactivating the ringtone permanently

[✳]   Press the star key and hold until you can no longer hear the ringtone.

The ⍓ icon appears in the display.

Re-activating the ringtone

[✳]   Press and **hold** the star key.

Deactivating the ringtone for the current call

Silence   Press the display key.

Activating/deactivating the alert tone

In place of the ringtone you can activate an alert tone. When you receive a call, you will hear **a short tone** ("Beep") instead of the ringtone.

[✳]   Press and **hold** the star key and **within 3 seconds:**

Beep   Press the display key. A call is now signalled by **one** brief alert tone. You will now see ⍓⍓ in the display.

Activating/deactivating advisory tones

Your handset uses 'advisory tones' to tell you about different activities and statuses. The following advisory tones can be activated and deactivated independently of each other:

◆ **Key click**: Every key press is confirmed.
◆ **Acknowledge tones**:
   – **Confirmation tone** (ascending tone sequence): at the end of an entry/ setting and when an SMS or a new entry arrives in calls list
   – **Error beep** (descending tone sequence): when you make an incorrect entry
   – **Menu end tone**: when scrolling at the end of a menu
◆ **Battery tone**: The batteries need to be charged.

(⊙) ➔ ⊠ ➔ **Audio Settings** ➔
   Advisory Tones

▸ Change multiple line input:

Key Tones:
   Select **On** or **Off**.

Confirm.:
   Select **On** or **Off**.

Battery:
   Select **On**, **Off** or **In Call**. The battery warning tone is activated/deactivated or only sounds during a call.

▸ Save changes (page 55).

You cannot deactivate the confirmation tone for placing the handset in the base station.

Setting the alarm clock

Precondition: The date and time have already been set (page 9).

Activating/deactivating the alarm clock and setting the wake-up time

⊕ ➔ ⊘

▸ Change multiple line input:

Activation:
Select **On** or **Off**.

Time:
Enter the wake-up time in 4-digit format.

Melody:
Select melody.

Volume:
Set the volume (1-6).

▸ Save changes (page 55).

You will see the ☿ icon.

A wake-up call with the selected ringtone is signalled each day on the handset.
The wake up call sounds for 60 seconds. The display shows **Alarm Clock**. If no key is pressed the wake-up call is repeated twice at five minute intervals and then switched off.

During a call, the wake-up call is signalled by a short tone.

Deactivating the wake-up call/ repeating after a pause (slumber mode)

Precondition: A wake-up call is sounding.

OFF   Press the display key. The wake-up call is deactivated. After 24 hours, the alarm clock rings again.

or

Snooze   Press the display key or any key. The wake-up call is deactivated and then repeated after 5 minutes. After the second repetition the wake-up call is deactivated completely.

After 24 hours, the alarm clock rings again.

Restoring the handset default settings

You can reset any individual settings and changes that you have made. This will not affect entries in the directory, calls list, SMS lists or the handset's registration to the base station.

⊕ ➔ ⊠ ➔ **Handset** ➔ **Reset Handset**

Yes   Press the display key.

⌐⫟   Press and **hold** (idle status).

Cancel the restoring process by pressing ⌐⫟ or the display key No.

Making ISDN settings

Please note:

◆ Some settings cannot be made simultaneously by several handsets. If this is the case, you will hear a negative acknowledge tone.

◆ The abbreviations in brackets after the titles indicate the ISDN feature concerned. Some features may only be used if they have been authorised by the network provider (there may be an extra charge).

Setting up/deleting an ISDN phone number (MSN)

Your ISDN connection offers you two telephone lines (B channels) that you can use at the same time. On your base station, you can set up to 10 own numbers (MSN). You will be assigned these numbers by your network provider.

Note:
Assigning an MSN on an ISDN PABX can vary. For more information, please also refer to the manual belonging to your PABX.

Setting up MSN/changing name

If you have not yet stored all the numbers with the installation wizard (page 10), you can enter them now. **All numbers that are stored retrospectively are automatically assigned to all registered handsets as receive MSNs**.

Each new number you set up is automatically give its own ringtone, which you can change individually (page 41).

Precondition: Call forwarding has not been set up for the MSN to be changed (page 46).

⌖ ➔ ◻ ➔ **Base** ➔ **ISDN** ➔ **Configure MSN** ➔ (system PIN if necessary)

⌖   Select MSN, e.g **MSN 1**.

Edit   Press the display key.

▦   Enter number (max. 20 digits) (without area code = prefix).

⌖ ▦   If necessary, scroll to the first line and enter the name (max. 16 digits) (optional).

Save   Press the display key.

Deleting an MSN

⌖ ➔ ◻ ➔ **Base** ➔ **ISDN** ➔ **Configure MSN** ➔ (system PIN if necessary)

⌖   Select MSN, e.g.**MSN 1**.

Delete   Press the display key.

If the MSN you have deleted was the send MSN (page 45) of an internal subscriber then a new send MSN (the MSN with the lowest ranked number) will automatically be assigned to this internal subscriber.

Assigning an MSN

You can assign individual MSNs to the registered devices. This determines

◆ which number makes a registered terminal ring (receive MSN),

◆ under which number an internal subscriber dials (send MSN).

Assigning a receive MSN

If you only want to assign the handset specific incoming MSNs:

⌖   Open the list of internal subscribers.

⌖   Select internal number for the handset, e.g. **INT 1**.

⌖   Open menu.

Settings   Select and press OK.

📳 If required, enter PIN and press OK.

Receive MSN

Select and press OK.

💫 Select MSN and press OK, e.g. **MSN 1**.

📞 Press and **hold** (idle status).

Assigning a send MSN

You can define one send MSN for each internal subscriber. This MSN is shown to the person you call and the call is also charged to this MSN.

💫 Open the list of internal subscribers.

💫 Select internal number, e.g. **INT 1**.

💫 Open menu.

Settings Select and press OK.

📳 If required, enter PIN and press OK.

Send MSN Select and press OK.

💫 Select MSN and press OK, e.g. **MSN 1**.

📞 Press and **hold** (idle status).

Setting up a busy signal for when the MSN is being used (Busy on Busy)

This setting allows callers to get a busy tone immediately when an external call is already being made on this MSN, independent of the **Call Waiting** setting (page 45).

💫 ➔ 🔽 ➔ **Base** ➔ **ISDN**

Busy on Busy

Select and press OK (√ = on).

Activating/deactivating call waiting – CW

This function can be set up separately for each handset. When call waiting is activated, the caller will hear the ringing tone if you are already making a call. This call is announced acoustically and visually on your handset screen.

When call waiting is deactivated, the caller will hear the busy tone if you are already making a call **and** you are the only subscriber assigned to this MSN.

"Dealing with a waiting external call – CW (Call Waiting)", see page 21.

💫 Open the list of internal subscribers.

💫 Select internal number, e.g. **INT 1**.

💫 Open submenu.

Settings Select and press OK.

📳 If required, enter PIN and press OK.

Call Waiting Select and press OK (√ = on).

Withholding identification of your number for all calls (CLIR)

Precondition: the "Withhold calling line identification on a case-by-case basis" feature is supported by your network provider.

CLIR = Calling Line Identification Restriction

If you do not wish the person you are calling to know your phone number, you can withhold Calling Line Identification.

Your phone is set by default to display your number to the person you are calling.

To find out how to withhold the number for a subsequent call, see page 18.

$\diamond$ → $\boxdot$ → **Base** → **ISDN**

Always anon.

    Select and press **OK** ($\checkmark$ = on).

$\boxed{\jmath}$ Press and **hold** (idle status).

Diverting calls

Diverting calls internally

Only one forwarding destination can be set for internal call forwarding. If you are forwarding to a subscriber who has activated internal call forwarding himself, your forwarding will end with this subscriber nonetheless.

The forwarded call will always ring at the subscriber you diverted it to.

The following settings are each confirmed by a message in the display and a confirmation tone.

Setting up call forwarding

$\diamond$ → $\mathcal{D}$ → **Call Divert** → (system PIN if necessary) → **To Internal**

▸ Change multiple line input:

Call Divert

    Select **On** or **Off**.

Dest.

    Press the display key **Edit**. The list of internal subscribers is displayed. Your own handset and **Call All** are not displayed. $\diamond$ Select subscriber and press **OK**.

Ring Delay

    You can define when call forwarding should occur. You can set 0 (= immediate call forwarding), 10, 20 or 30 seconds.

▸ Save changes.

$\boxed{\jmath}$ Press and **hold** (idle status).

Forwarding calls externally – CF (Call Forwarding)

For each receive MSN you can save a destination number for each of the following conditions:

All Calls – **When Busy** – **No Answer**

The three conditions can be activated simultaneously.

Calls forwarded to an external number are entered in a list. Calls currently being forwarded are marked with $\checkmark$.

The following settings are each confirmed by a message in the display and an acknowledgement tone.

Setting up call forwarding

$\diamond$ → $\mathcal{D}$ → **Call Divert** → (system PIN if necessary) → **To External**

No call forwarding is set up:

New   Press the display key.

The list displays calls that have been forwarded. To set up an additional call forwarding:

$\diamond$ Open menu.

New Entry Select and press **OK**.

▸ Change multiple line input:

Activation:

    Select **On** or **Off**.

For:

    Select MSN, e.g. **MSN 1**.

Dest.:

    Press the display key **Edit**. Enter number (max. 20 digits) and press the display key **Save**.

When:

    Select condition, e.g. **All Calls**.

▸ Save changes.

Editing entries

▸ Open the list of calls currently being forwarded.

$\binom{\cdot}{\cdot}$ Select call forwarding.

Change   Press the display key.

▸ Make changes as described under "Setting up call forwarding" and save.

Cancelling external call forwarding

▸ Open the list of calls currently being forwarded.

$\binom{\cdot}{\cdot}$ Select call forwarding.

$\binom{\cdot}{\cdot}$ Open menu.

Delete Entry Select and press OK.

Changing access codes

Access codes are the first digits of the dialling code. The following applies for Germany:

◆ **0** for connections to other towns (national)

◆ **00** for connections abroad (international)

In other countries, different access codes could be used. In this case, you will need to change this setting; otherwise, for example, ringbacks from the records may no longer be possible in all cases.

$\binom{\cdot}{\cdot}$ ➔ $\boxed{\cdot}$ ➔ **Base** ➔ **ISDN**
    ➔ **Numbers for DDD**

▸ Change multiple line input:

National
    Enter/change access codes
    (max. 4 digits).

International
    Enter/change access codes
    (max. 4 digits).

▸ Save changes.

If you press OK when the input field is empty, you will delete the existing access code.

Configuring the network mailbox for fast access

You must **request** your network provider's answer machine in the network.

If the network mailbox number is entered in your telephone, you can use fast access, i.e. you can dial the answer machine in the network directly by pressing and **holding** button $\boxed{1^{\infty}}$.

Entering/deleting the network mailbox number

$\binom{\cdot}{\cdot}$ ➔ $\boxed{\cdot}$ ➔ **Answer Machine** ➔ **Set Key 1**

Network Mailb.

         Select and press OK.

$\boxed{\cdot\cdot\cdot}$ Enter/change the network mailbox number.

▸ Save changes.

The answer machine number applies for all registered handsets.

Calling the network mailbox

Press and **hold** $\boxed{1^{\infty}}$. You are connected directly to the answer machine in the network. You can also use the answer machine in handsfree mode by pressing the handsfree key $\boxed{\text{d}}$.

Viewing/playing back network mailbox message

If a message arrives for you, you receive a call from the answer machine in the network. The number is displayed in the screen provided you have arranged Calling Line Identification.

If you accept the call, the new messages are played back. If you do not accept the call, the number of the answer machine in the network will be stored in the missed calls list and the message key flashes. Please contact your network provider if you encounter any problems.

Base station settings

The base station settings are carried out using a registered handset.

Protecting against unauthorised access

Protect the system settings of the base station with a PIN known only to yourself. The system PIN must now be entered when, for example, registering/de-registering a handset to/from the base station or when restoring the default settings.

Changing the system PIN

You can change the 4-digit system PIN set on the base station (default setting: 0000) to a 4-digit PIN known only to yourself.

⊕ → ⊠ → **Base** → **System PIN**

🖐   Enter the current system PIN (if requested) and press OK.

🖐   Enter new system PIN.
For security the PIN is shown as four stars (****).

⊕ 🖐   Jump to the next line, re-enter new system PIN and press OK.

↩   Press and **hold** (idle status).

If you have forgotten your system PIN you can reset the base station to the original code **0000**:

Disconnect the power cord from the base station. Hold down the registration/paging key on the base station while reconnecting the power cable to the base station. Release the key after a time.

The base has now been reset and the system PIN **0000** set.

Activating/deactivating the wait melody

⊕ → ⊠ → **Base** → **Music on hold**

Press OK to activate or deactivate the hold music (☑ = on).

Repeater support

With a repeater you can increase the range and reception strength of your base station. You have to activate the repeater mode for this. This will terminate any calls that are in progress at the time.

Precondition: A repeater is registered.

⊕ → ⊠ → **Base** → **Add. Features** → **Repeater Mode**

Yes   Press the display key.

When repeater mode is active, the menu item is marked with ☑.

Resetting the base station to the factory settings

The handsets remain registered when the settings are restored. The following settings are not reset:

◆ System PIN

◆ SMS info services

⊕ → ⊠ → **Base** → **Base Reset**

🖐   Enter the system PIN and press OK.

Yes   Press the display key.

Cancel the restoring process by pressing ↩ or the display key No.

↩   Press and **hold** (idle status)

Operation in a PABX

The following settings are only necessary when your PABX requires them; see the PABX User Guide.

Note:
Assigning an MSN on an ISDN PABX can vary. For more information, please also refer to the manual belonging to your PABX.

You cannot send or receive SMS messages on PABXs that do not support Calling Line Identification.

Saving access codes

Precondition: You may have to enter an access code for external calls in your PABX, e.g. "0".

🔽 ➔ ▧ ➔ **Base** ➔ **Add. Features**
➔ **Access Code**

🖐 Enter or change access code, max. 4 digits.

▶ Save changes.

If an access code is saved, the following applies:

◆ The access code is prefixed automatically when you select from the following lists: numbers of the SMS centres, calls list or the .

◆ The access code must be entered when dialling manually and when manually entering directory or emergency/direct dial numbers.

◆ When you are sending an SMS, if you recipient's number from the directory, you have to delete the access code.

◆ You delete an existing access code with ⌫ .

Dialling options

The KEYPAD function allows you to control certain features by entering sequences of characters and digits.

The KEYPAD function must be activated when you connect your Aton CL400 [ISDN] to an ISDN PABX or exchange (e.g. Centrex) that is controlled using KEYPAD protocol. The digits/characters 0–9, * and # are sent as keypad information elements. Please ask your service provider about the information and codes you can transmit.

Setting options

You can switch between the settings **Auto. Tone Dial**, **Auto. Keypad** and **Dial of * and #**.

Auto. Tone Dial
   Once normal dialling has been activated, * and # are not transmitted during dialling and if * and # are entered it is not possible to switch to the keypad.

Auto. Keypad
   Once * or # has been entered, this setting automatically transfers ringing during dialling to the keypad. This automatic switchover is needed for giving commands to the exchange or PABX.

Dial of * and #
   Once dialling of * and # has been activated, the * and # characters are transmitted during dialling as commands to the exchange or PABX.

Regardless of the setting options above, after dialling or during a call, the phone switches automatically to touch tone dialling (DTMF), e.g. for remote control of an answer machine.

🔽 ➔ ▧ ➔ **Base** ➔ **Add. Features**
➔ **Dialling Mode**

🔽 Select setting and press **OK**, e.g. **Auto. Tone Dial** (✓ = on).

Activating/deactivating keypad during a call

In addition to the permanent settings described above, you can also switch temporarily to the keypad.

The setting only applies to the current external call and is automatically deactivated after the call is ended.

Depending on whether **Auto. Keypad** is activated, you may need to activate or deactivate **Keypad** during the call.

⟨⟩   Open menu.

Keypad   Select and press OK (✓ = on).

Appendix

Care

▸ Wipe down the base station and handset with a **damp** cloth (no solvents) or an antistatic cloth.

Never use a dry cloth. This can cause static.

Contact with liquid ⚠

If the handset has come into contact with liquid:

1. **Switch the handset off and remove the batteries immediately**.
2. Allow the liquid to drain from the handset.
3. Pat all parts dry, then place the handset with the battery compartment open and the keypad facing down in a dry, warm place f**or at least 72 hours** (**not** in a microwave, oven etc.).
4. **Do not switch on the handset again until it is completely dry.**

When it has fully dried out you will normally be able to use it again.

Questions and answers

If you have any queries about the use of your telephone, you can contact us at any time at www.siemens.com/gigasetcustomercare. The table below contains a list of common problems and possible solutions.

The display is blank.

1. The handset is not switched on.
    ▸ Press **and hold** the end call key 🔲 .
 2. The batteries are flat.
    ▸ Charge the battery or replace it (page 8).

"Base station x" flashes **on the display.**

1. The handset is outside the range of the base station.
    ▸ Move the handset closer to the base station.
 2. The handset has been de-registered.
    ▸ Register the handset (page 35).
 3. The base station is not switched on.
    ▸ Check the base station's mains adapter (page 7).

Base Search flashes in the display.
The handset is set to **Best Base** and no base station is switched on or within range.   ▸ Move the handset closer to the base station.   ▸ Check the base station's mains adapter (page 7).

Handset does not ring.

1. The ringtone is switched off.
    ▸ Activate the ringtone (page 42).
 2. Call diversion set to **All Calls**.
    ▸ Switch off call diversion.
 3. MSN is not assigned to internal subscriber or is incorrect.
    ▸ Specify receive MSN (page 44).

The handset does not ring as set.
The MSN is assigned a different ringtone.   ▸ Set the external ringer on the handset (page 41).

Handset does not ring after setting up the ISDN number (MSN).
The area prefix has been stored with the MSN.   ➜ Save MSN without area code.

Some of the ISDN functions do not work as specified.
ISDN functions are not enabled.   ➜ Check with your network provider.

Call charges are not displayed.

1. Your network provider does not support this feature.
 2. There are no units.
    ▸ Ask your network provider to transmit the units.
 3. Charges per unit are set to "00.00".
    ▸ Set the charge per unit (page 26).

The number of the caller is not displayed despite CLIP.
Calling Line Identification is not working.
‣ **The caller** should ask the network provider to check Calling Line Identification (CLI).
You hear an error tone when keying an input (a descending tone sequence).
Action has failed/invalid input.
‣ Repeat the operation. Watch the display and refer to the user guide if necessary.
For call diversion, the divert conditions are not displayed.
Internal call diversion is activated.
‣ Activate external call diversion.
‣ Ask your network provider to enable this feature.
On a PABX, dialling results in no connection or an incorrect connection.
The access code has not been entered or has been entered incorrectly.
‣ Check and correct the access code (page 49).

Warranty/Maintenance/Repair/Authorisation

Warranty

The warranty period is 2 years as of the date of purchase.

For warranty repair, the warranty card, filled out and stamped by the place of purchase must be included with the defective device.

Excluded from the warranty are damages due to improper use, wear and tear, or tampering by others. The warranty does not include consumed materials and deficiencies which only affect the value or capability for use inconsiderably.

In case of an error, please contact your place of purchase.

Repair/Maintenance

Rental devices

If your phone does not operate properly, notify Technical Assistance (phone number 175).

The repair* and the fault action are free of charge.

Purchased devices

Repair services are performed free of charge within the warranty period in accordance with the regulation of the warranty certificate). If a repair is necessary, the device must be returned to the place of purchase.

If Technical Assistance is made available (during the warranty period as well*), the fault action is charged (route lump sum price as well as time expenses). The repair costs are additional outside the warranty period.

Batteries

Battery cells are considered consumed material, which is not covered by the warranty service. Defective batteries are not replaced free of charge. This applies to rental and purchased devices.

Help

If you have any general questions about products, services, etc., please contact your Swisscom Information Centre (toll-free number 0800 800 800).

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* except for damage to wearing parts (cables, labels, batteries etc.) and damage arising from incorrect handling such as dropping it or allowing fluid to penetrate into handset etc.

Authorisation

This device is intended to be operated on the ISDN Swiss network.

Country-specific conditions have been taken into account.

If you have any questions about the differences between the public phone networks, please contact your specialist dealer or network provider.

Swisscom hereby declare that this device meets the essential requirements and other relevant regulations laid down in Directive 1999/5/EC.

CE 0682

The Declaration of Conformity can be found on the following web site:
www.swisscom.com under the rubric Online Shop, Phone, Declaration of Conformity or can be ordered from the following postal address:

Swisscom Fixnet AG
RES-Voice
Customer Premises Equipments (CPE)
3050 Bern

Specifications

Recommended batteries

(Valid at the time of going to press)

Nickel-metal-hydride (NiMH):

◆ Sanyo Twicell 650
◆ Sanyo Twicell 700
◆ Panasonic 700mAh "for DECT"
◆ GP 700mAh
◆ Yuasa Technology AAA Phone 700
◆ Varta Phone Power AAA 700mAh
◆ GP 850 mAh
◆ Sanyo NiMH 800
◆ Yuasa Technologies AAA 800

The handset is supplied with recommended batteries.

Handset operating times/charging times

Capacity	650 mAh
Standby time	approx. 170 hours (7 days)
Talktime	around 13 hours
Charging time	approx. 6 hours

The operating and charging times apply only when using the recommended batteries.

Note:
When the display backlight is switched on, the standby time of the handset is reduced to approx. 30 hours.

Base station power consumption

In standby mode: approx. 2 Watt

During a call: approx. 3 Watt

General specifications

DECT standard	is supported
GAP standard	is supported
No. of channels	60 duplex channels
Radio frequency-range	1880–1900 MHz
Duplex method	Time multiplex, 10 ms frame length
Channel grid	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Language code	32 kbit/s
Transmission power	10 mW, average power per channel
Range	up to 250 m outdoors, up to 40 m in buildings
Base station power supply	230 V ~/50 Hz
Environmental conditions in operation	+5°C to +45°C; 20% to 75% humidity

Notes on the user guide

This section explains the meaning of certain symbols and typographical conventions that are used in this user guide.

Symbols

Copy Entry / **Copy List** (example)
Select one of the two specified menu functions.

🎜 Enter digits or letters.

Save The display keys' current functions are shown reverse highlighted in the bottom display line. Press the display key below to launch the function.

✥ Press the control key at the top or bottom: scroll up or down.

✥ Press the control key on the right or left: e.g. Selecting the setting.

📞 / 0 / *△ etc.
Press the matching key on the handset.

Example of a menu input

The steps you need to perform are shown in abbreviated form in the user guide. This is illustrated below using the example of "Setting the contrast for the display". The things you have to do are explained in the boxes.

✥ ➜ ⊠ ➜ **Display**

▸ With the handset in idle status, press on the right of the control key to open the main menu.

▸ Select the ⊠ icon using the control key – press the control key at the top or bottom.

▸ Press the OK display key to confirm the **Settings** function.

Settings appears in the display header.

The **Settings** submenu is displayed.

▸ Press the control key at the bottom until the **Display** menu function is selected.

▸ Press the OK display key to confirm the selection.

Contrast Select and press OK.

▸ Press the control key at the bottom until the **Contrast** menu function is selected.

▸ Press the OK display key to confirm the selection.

$\overset{\leftrightarrow}{\diamondsuit}$ Select contrast and
         press Save.

> ▸ Press on the right or left of the control key to select the contrast.
> ▸ Press the Save display key to confirm the selection.

$\boxed{\mathscr{D}}$ Press and **hold** (idle status).

> ▸ Press and hold the end call key until the handset returns to idle status.

Example: multiple line input

In many situations you can change settings or enter data in several lines of a display.

In this user guide symbols are used to guide you step by step through multiple line input. This is illustrated below using the example of "Setting the date and time". The things you have to do are explained in the boxes.

To change the time, open the input field with:

$\overset{\leftrightarrow}{\diamondsuit}$ ➜ $\boxtimes$ ➜ **Date/Time**

You will see the following display (example):

Date/Time
Date:
[10.05.06]
Time:
11:11
↰   Save

Date:
    Enter the day, month and year in 6 digits.

> The second line is marked with [ ] to show it is active.
> ▸ Enter the date using the digit keys.

Time:
    Enter hours/minutes in 4 digits.

> ▸ Press the $\overset{\leftrightarrow}{\diamondsuit}$ key.
> The fourth line is marked with [ ] to show it is active.
> ▸ Enter the date using the digit keys.

> ▸ Save the changes.

> ▸ Press the Save display key.
> ▸ Then press and **hold** the $\boxed{\mathscr{D}}$ key.
> The handset switches to idle status.

Writing and editing text

The following rules apply when writing a text:

◆ Control the cursor with
   $\overset{\leftrightarrow}{\diamondsuit}$ $\overset{\leftrightarrow}{\diamondsuit}$ $\overset{\leftrightarrow}{\diamondsuit}$ $\overset{\leftrightarrow}{\diamondsuit}$.
◆ Characters are inserted on the left of the cursor.
◆ Press the star key $\boxed{* \triangle}$ to show the table of special characters.
◆ The first letter of the name of directory entries is automatically capitalised, followed by lower case letters.

Entering special characters

You can call up the table of special characters when writing an SMS using the $\boxed{* \triangle}$ key. Select the required character and insert it with Insert.

Writing a text message/name (without predictive text)

Press and **hold** the hash key $\boxed{\# R}$ to switch from "Abc" mode to "123" and from "123" to "abc" and from "abc" to "Abc" (upper case: 1st letter upper case, all others lower case). Press the hash key $\boxed{\# R}$ **before** entering the letter.

The following applies when writing an SMS:

◆ The display shows whether upper case, lower case or digits is selected. "Abc", "abc" or "123" appears at the top right of the display.

◆ When you press and **hold** a key, the characters of the corresponding key are displayed in the **bottom display line** and marked one after another. When you release the key the highlighted character is inserted into the input field.

Writing SMS (with predictive text)

EATONI predictive text helps you when you are writing text messages.

Each key between ⬜0 and ⬜9wxyz is assigned several letters and characters (see special characters, page 55). These appear in a selection line directly below the text field (above the display keys) as soon as you press a key. The letter you are most likely looking for is shown in reversed highlights and is at the beginning of the selection line. It is copied into the text panel.
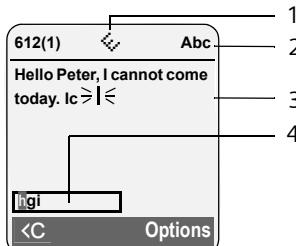
1 EATONI is switched on
2 Upper/lower case or digits
3 Text of the message
4 Selection line

If this letter is the one you want, confirm it by pressing the next key. If it does not match the one you want, press the hash key ⬜#R **briefly** until the letter you are looking for is reverse highlighted in the display line and then transferred to the text field.

If you press and **hold** the hash key ⬜#R you switch from "Abc" mode to "123" and from "123" to "abc" and from "abc" to "Abc".

Deactivating/activating predictive text

Requirement: You are writing an SMS.

Options   Press the display key.

Predictive Text

        Select and press OK (☑ = on).

⬜⌇   Press the end call key **briefly** to return to the text field. Enter the text.

Note:
When supplied, EATONI predictive text is switched off.

Order of directory entries

The directory entries are usually sorted in alphabetical order. Spaces and digits take first priority. The sort order is as follows:

1. Space
2. Digits (0–9)
3. Letters (alphabetical)
4. Other characters

To get round the alphabetical order of the entries, insert a space or a digit in front of the name. These entries will then move to the beginning of the directory. Names that you have preceded with an asterisk will move to the end of the directory.

Accessories

Handsets

Upgrade your Aton CL400 ^{ISDN} to a cordless PABX:

Handset Aton CL300/CL400 ^{ISDN}

◆ Illuminated colour display (4096 colours)
◆ Illuminated keypad
◆ Handsfree talking
◆ Polyphonic ringtones
◆ Directory for around 150 entries
◆ SMS (Precondition: CLIP must be enabled)
◆ Headset socket including headset
◆ Room monitor

Charger CL100 / CL300

(Including mains adapter)

Accessories

Handset Aton CL102
◆ Dust and splash proof casing
◆ Illuminated colour display (4096 colours)
◆ Illuminated keypad
◆ Handsfree talking
◆ Polyphonic ringtones
◆ Directory for around 150 entries
◆ SMS (Precondition: CLIP must be enabled)
◆ Headset socket including headset
◆ Room monitor

Charger Top S329 / Aton CL102
(Including mains adapter)

Handset Aton CL303
◆ Illuminated graphical colour display (65 k colours)
◆ Illuminated keypad
◆ Handsfree talking
◆ Polyphonic ringtones
◆ Directory for around 250 entries
◆ Picture CLIP
◆ SMS (Precondition: CLIP must be enabled)
◆ Voice dialling
◆ PC interface, e.g. for managing directory entries, ringtones and screen savers
◆ Headset socket including headset
◆ Bluetooth

Charger Top S600 / Aton CL303
(Including mains adapter)

V2 or Type RTX repeater

The repeater can be used to increase the reception range
from your handset to the base station.

Only use original accessories. This will avoid possible health risks and damage to property,
and also ensure that all the relevant regulations are complied with.

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